

Notice of Allowability**Application No.**

09/629.664

Applicant(s)

MANTIN, SHARON

Examiner

David R Vincent

Art Unit

2661

— The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address—
 claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included
 with (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS
 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the Initiative
 of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

RECEIVED

FEB 19 2004

Technology Center 2600

- ☐ This communication is responsive to ____.
- ☒ The allowed claim(s) is/are 1-20.
- ☒ The drawings filed on 01 August 2000 are accepted by the Examiner.
- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the
 International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.
- ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific
 reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
 (a) ☐ The translation of the foreign language provisional application has been received.
- ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included
 in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- licant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted
 w. Failure to timely comply will result in **ABANDONMENT** of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**
- ☐ A **SUBSTITUTE OATH OR DECLARATION** must be submitted. Note the attached **EXAMINER'S AMENDMENT** or **NOTICE OF
 INFORMAL PATENT APPLICATION (PTO-152)** which gives reason(s) why the oath or declaration is deficient.
- ☐ **CORRECTED DRAWINGS** (as "replacement sheets") must be submitted.
- (a) ☐ Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) ☐ hereto or 2) ☐ to Paper No. ____.
- (b) ☐ including changes required by the proposed drawing correction filed ____, which has been approved by the Examiner.
- (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of
 each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

☐ **DEPOSIT OF and/or INFORMATION** about the deposit of **BIOLOGICAL MATERIAL** must be submitted. Note the
 attached Examiner's comment regarding **REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL**.

Comment(s)

Notice of References Cited (PTO-892)

Notice of Draftsperson's Patent Drawing Review (PTO-948)

Information Disclosure Statements (PTO-1449 or PTO/SB/08),
 Paper No. 5.6Examiner's Comment Regarding Requirement for Deposit
 of Biological Material5 ☐ Notice of Informal Patent Application (PTO-152)6 ☐ Interview Summary (PTO-413), Paper No. ____7 ☐ Examiner's Amendment/Comment8 ☒ Examiner's Statement of Reasons for Allowance9 ☐ OtherDavid R Vincent
 Primary Examiner
 Art Unit: 2661

Application/Control Number: 09/629,664

Page 2

Art Unit: 2661

REASONS FOR ALLOWANCE

1. The following is an Examiner's statement of reasons for allowance: Claims 1-20 are considered allowable since when reading the claims in light of the specification, In re Sneed, 710 F.2d 1544, 1548, 218 USPQ 385, 388 (Fed. Cir. 1983), none of the references of record alone or in combination disclose or suggest the combination of limitations specified in the independent claims including a multiplexor/DSLAM, line cards (defined as 30, Fig. 3) comprising volatile memory (defined as being a RAM, 56, see e.g., pgs. 9-10), a switching unit (defined as being 28, see e.g., pg. 8) comprising a non-volatile memory (defined as being a ROM, 46, see e.g., pg. 8), and transferring the backup configuration parameters from the volatile memory (56) to the non-volatile memory (46) upon start-up (defined at pgs. 10-11), as specified in claims 1, and 12. Regarding the X reference cited in the 210, the examiner found no indication that the reference Clougherty discloses or teaches the limitations outlined in the above reason for allowance.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David R

Application/Control Number: 09/629,664

Page 3

Art Unit: 2661

Vincent whose telephone number is 703 305 4957. The examiner can normally be reached on M-TH.

The fax phone numbers for the organization where this application or proceeding is assigned are 703 872 9314 for regular communications and 703 872 9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 306 0377.

David R Vincent 12/16/03
David R Vincent
Primary Examiner
Art Unit 2661

December 16, 2003

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

SHEET 1 OF 1
(REV. 7-80)LIST OF REFERENCES CITED BY APPLICANT

(Use Several Sheets if Necessary)

#5

DOCKET NO.: 6727/OH499
APPLICANT: Sharon MARTINSERIAL NO: 09/629,664
FILING DATE: August 1, 2000
CONFIRMATION NO:U.S. PATENT DOCUMENTS

MINER S	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
------------	--------------------	------	------	-------	----------	-------------

FOREIGN PATENT DOCUMENTS

MINER LS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	1. 0891067	Jan. 1999	Europe	H04M	3/00	

RECEIVED

FEB 19 2004

OTHER REFERENCES

(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.) Technology Center 2600

- MINER
S
2. Clougherty, M. et al., "The Anymedia access System - Providing Solutions for Distribution and Network
ence", Bell Lab Technical Journal, Bell Laboratories, US, Vol. 4, NR. 2, pp. 98-126.
 3. Ledieu, J-P J B, "La Nouvelle Gamme De Centraux Temporels De Cit-Alcatel Systeme E10B (Suite)",
tation et Transmission, Sotelec. Paris, FR, NR. 2, pp. 77-96.
 4. Papa Del J, et al., "DSLAM - A Broadband Digital Subscriber Line Access Multiplexer System", NEC
h and Development, Nippon Electric LTD. Tokyo, JP, Vol. 40, NR. 1, pp. 103-107.

IER: [Signature]DATE CONSIDERED: 12/16/03

ER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 1 OF 1
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use Several Sheets if Necessary)

#6

DOCKET NO.:
APPLICANT:6727/OH499
Sharon MANTINSERIAL NO: 09/629,664
FILING DATE: August 1, 2000
CONFIRMATION NO:

RECEIVED

APR 11 2003

Technology Center 2600

U.S. PATENT DOCUMENTS

<u>EXAMINER</u> <u>ALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u> <u>SUBCLASS</u>	<u>FILING DATE</u>
2	1. 6,219,354	Apr. 2001	Fink et al.		
2	2. 6,181,715	Jan. 2001	Phillips et al.		
2	3. 6,424,657	Jul. 2002	Voit et al.		

FOREIGN PATENT DOCUMENTS

<u>EXAMINER</u> <u>ALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u> <u>SUBCLASS</u>	<u>TRANSLATION</u> <u>YES</u> <u>NO</u>
-------------------------------	----------------------------------	-------------	----------------	------------------------------	--

OTHER REFERENCES

(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)

RECEIVED

FEB 19 2004

Technology Center 2600

EXAMINER: [Signature]DATE CONSIDERED: 12/16/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited

Application/Control No.

09/629,664

Applicant(s)/Patent Under
Reexamination
MANTIN, SHARON

Examiner

David R Vincent

Art Unit

2661

Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-6,597,689	07-2003	Chiu et al.	370/354
B	US-6,522,688	02-2003	Dowling, Eric Morgan	375/222
C	US-6,512,739	01-2003	Heidari et al.	370/210
D	US-6,469,630	10-2002	Jeske et al.	340/635
E	US-6,434,221	08-2002	Chong, Raymond L.	379/27.01
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
P					
Q					
R					
S					
T					

RECEIVED

FEB 19 2004

Technology Center 2600

NON-PATENT DOCUMENTS

	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	
V	
W	
X	

Copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
in MM-YYYY format are publication dates. Classifications may be US or foreign.